

KPT-902-M

ECONOMICAL 2-WAY MONO-AMP BEHIND THE SCREEN CINEMA SYSTEM



KLIPSCH PROFESSIONAL | CINEMA | DATA SHEET



DESIGNED AND MADE IN THE USA USING DOMESTIC AND IMPORTED COMPONENTS

In 1946, Paul W Klipsch, genius & maverick, hand-built his first loudspeaker in a tin shed with the intention of bringing live music into his living room. Remember great sound? We do, too. Today, Klipsch's cinema series speaker enclosures are made in the USA, by proud craftsmen in Hope, Arkansas. Just like PWK intended.

AVAILABLE VERSIONS

KPT-902-M

Includes passive processor for Mono-amp operation

SYSTEM COMPONENTS

	KPT-902-M
HF	KPT-310-HF
LF	KPT-902-LF
NETWORK	KPT-902-N2

SYSTEM SPECIFICATIONS

FREQUENCY RESPONSE ¹ (+/- 3 dB)	48 Hz - 20 kHz
FREQUENCY RANGE (-10 dB)	35 Hz - 20 kHz
SENSITIVITY ² 1W/1M	100.5 dB
POWER HANDLING ³	300W (36V)
POWER HANDLING (PEAK)	1200W
MAXIMUM SPL ⁴	125 dB
NOMINAL IMPEDANCE	4.5 ohm
HORIZONTAL COVERAGE	90° +/- 30° 400 Hz - 18 kHz
VERTICAL COVERAGE	60° +/- 30° 450 Hz - 20 kHz
DIRECTIVITY INDEX (DI)	8 dB
DIRECTIVITY FACTOR (Q)	6.3
HF DRIVERS	One K-70-G 1.75" compression driver on a K-603 Horn
LF DRIVERS	Two K-33-E Woofers
HEIGHT	55.5" (141.0cm)
WIDTH	27.25" (69.2cm)
DEPTH	17.75" (40.1cm)
WEIGHT	155 lbs. (70.3 kg)

RECOMMENDED USE



UP TO
125 SEATS (approximately 1400 ft² or 130 m²)

PRODUCT OVERVIEW

The KPT-902 is an entry level 2-way mono-amp speaker system for medium size auditoriums where cost effectiveness is the primary objective. Designed for mono-amp operation, the single wire run minimizes amplifier setup and maintains economy. The highly sophisticated passive processors assure optimal performance between components. Utilizing the larger KPT-902-LF enclosure and new KPT-310-HF horn, the extended low frequency response and dynamic horn loaded midrange provide enough power for Klipsch's legendary sound in small to mid-sized cinemas

RECOMMENDED MINIMUM AMPLIFIER POWER

	KPT-902-M
AMP POWER RATING	600W into 4 ohms

¹ Frequency response behind a screen relative to X-curve and with active processing applied

² SPL at 1M, half-space anechoic with 2.83V input

³ AES standard, continuous pink noise, 6 dB peaks

⁴ Calculated at 1M half-space at power handling input